

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
SAEG108.001APCAPPLICATION NO.
10/070,048INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Nishino, et al.FILING DATE
February 22, 2002GROUP
Unknown

P53

USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AS	57-147577	09/11/82	Japan			Abstract	
I	EP 0 285 175	10/05/88	Europe				
I	EP 0 658 373	06/21/95	Europe				
I	09-077691	03/25/97	Japan			Abstract	
I	2000-86588	03/28/00	Japan			Abstract	

RECEIVED

MAY 28 2002

TC 1700

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AS	1.	Tran, C.D., et al., "Stereoselective Energy Transfer Induced by Circularly Polarized Light," Study Phys. Theory Chem. Vol.7 p.53-66, 1979 *
I	2.	Miesen, F.W.A.M., et al., "Synthesis of Optically Pure 3-(n ⁺)-(1S,6R)-Bicyclo[4.4.0]decane-3.8" dione, a Molecule Which is Chiral in the Excited State Only," J.Am. Chem.Soc., Vol.116, No.12, p.5129-5133, 1994 *
	3.	Inoue, Y., et al., "Hikari de Fusei Gousei ni semaru," Sakigake Kenkyu 21 Kenkyu Houkokukai, Hikari to Busshitsu Kouen Youshishuu 1994, p.42-48, 1995 *
	4.	Salam, A., et al., "On enantiomeric excess obtained from racemic mixtures by using circularly polarized pulsed lasers of varying durations," Chem.Phys. Vol.228, No. 1, P.115-128, 1998 *
	5.	Bumham, K.S., et al., "A Search for Chiral Photochromic Optical Triggers for Liquid Crystals: Photoracemization of 1, 1-Binaphthylpyran through a Transient Biaryl Quinone Methide Intermediate," J.Am.Chem.Soc., Vol.120, No. 48, p.12619-12625, 1998 *
	6.	Inoue, Y., et al., "Pressure and Temperature control of Product Chirality in Asymmetric Photochemistry: Enantiodifferentiating Photoisomerization of Cyclooctene Sensitized by Chiral Benzenepolycarboxylates," J.Am.Chem.Soc., Vol.120, No. 41, p.10687-10696, 1998 *
	7.	Nishino, H., et al., "First Reversible Asymmetric Photoisomerization with Circularly Polarized Light: Absolute Asymmetric Synthesis of Norbornadiene and Quadricyclane," Proceedings II of 1999 76 th National Meeting of Chemical Society of Japan, p.1157, 1C741, March 15, 1999 *

I:\DOCS\KOA\KOA-3058.DOC
052102

* no month

EXAMINER

Sana Wang

DATE CONSIDERED

12/1/03

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

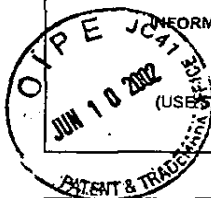
FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
SAEG106.001APCAPPLICATION NO.
10/070,048INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Nishino, et al.FILING DATE
February 22, 2002GROUP
Unknown

P53



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

RECEIVED
JUN 13 2002
TC 1700

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
W	1.	Inoue Y, et al. "Absolute Asymmetric Syntheses of Norbornadiene and Quadricyclane Derivatives with Circularly Polarized Light: First Reversible Asymmetric Photoisomerization between Norbornadienes and Quadricyclanes with Circularly Polarized Light" and its translation <i>na dute</i>

I:\DOCS\KOA\KOA-3299.DOC
060702

EXAMINER <i>Eana Wong</i>	DATE CONSIDERED <i>12/1/03</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED; WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	



EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
CS	1. Nishino, H., et al. "Absolute Asymmetric Syntheses of Norbornadiene and Quadricyclane Derivatives with Circularly Polarized Light: First Reversible Asymmetric Photoisomerization between Norbornadienes and Quadricyclanes with Circularly Polarized Light," Proceedings II of 1999 76 th National meeting of Chemical Society of Japan, p. 1157, 1C741; March 15, 1999 (translation).
	/

EXAMINER	Edna Wong	DATE CONSIDERED	12/1/03
----------	-----------	-----------------	---------

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.